

INTEROFFICE MEMORANDUM

DATE: April 25, 2007

TO: County Health Department Directors/Administrators

- FROM: Bonita J. Sorensen, M.D., M.B.A. Deputy Secretary for Health Signature on file
- **SUBJECT:** Assessment of County Health Department Clinic Immunization Coverage Levels (2007)

INFORMATION ONLY

In March 2007, the annual county health department (CHD) assessment of immunization coverage levels of one- and two-year-old children receiving services in their facilities was completed. Data provided by the Florida State Health Online Tracking System (SHOTS) contained all active records of children 12 to 23 months of age and children 24 to 35 months of age, with a common review date of January 1, 2007.

The 4 DTaP, 3 Polio, 1 MMR (4/3/1) series has historically been the benchmark in measuring immunization coverage rates of children between 24 and 35 months of age in Florida. Statewide assessment results, as detailed in Attachment 1, indicate that 81% of CHD clients between 24 and 35 months of age completed the 4/3/1 series by their second birthday. To evaluate our progress toward the 90 by '07 goal, the next step is to assess coverage rates based on 4 DTaP, 3 Polio, 1 MMR, 3 Hib, 3 Hep B, and 1 Varicella (4/3/1/3/3/1) series. This year's assessment results, based on the Advisory Committee on Immunization Practices (ACIP) recommendations, revealed that 77% of CHD clients finished the 4 DTaP, 3 Polio, 1 MMR, 3 Hib, 3 Hep B, and 1 Varicella series (4/3/1/3/3/1) by 24 months of age.

CHDs must continue to focus their efforts on children 12 to 23 months of age in order to meet and exceed the 90% coverage goal. The assessment of this cohort of children in the public sector, as portrayed in Attachment 2, shows that 77% completed 3 DTaP, 2 Polio, 2 Hib, and 2 Hepatitis B vaccines by 12 months of age.

The assessment identifies areas where CHDs can focus their efforts to improve coverage levels. Both clinic and countywide results (Attachments 3 and 4) should serve as a critical component of ongoing quality assurance reviews. CHD staff should routinely generate assessment reports via the Florida SHOTS to assess coverage levels and evaluate service delivery. Assessments provide data about vaccine delivery practices and vaccine coverage that both motivate and assist staff in developing and implementing best practices. In addition, Standard 16 of the *Standards for Child and Adolescent Immunization Practices* promotes semi-annual audits to assess immunization coverage levels and a review of immunization records in the provider's patient population.

Assessment of County Health Department Clinic Immunization Coverage Levels (2007) Page Two April 25, 2007

To consistently exceed the 90% coverage goal among our two-year-old children and in working toward meeting future goals, CHDs must focus their energy and resources in the following key areas:

- Fully implement the CHD Guidebook's immunization internal operating policies and technical assistance guidelines.
- Develop effective strategies for achieving high, sustainable, vaccine coverage levels.
- Assess the impact of intervention and service delivery practices.
- Use all clinic encounters to assess immunization status and provide appropriate immunizations.

BJS/cha/eaf Attachments cc: Jean L. Kline, R.N., B.S.N., M.P.H. Deputy Secretary for Health Russell W. Eggert, M.D., M.P.H., Director **Division of Disease Control** Meade Grigg, Director Office of Planning, Evaluation, and Data Analysis Annette Phelps, A.R.N.P., M.S.N., Director **Division of Family Health Services** Phyllis J. Sloyer, R.N., Ph.D., Director Division of CMS Network and Related Programs Shannon B. Lease, M.S., Director Office of Performance Improvement Charles H. Alexander, Chief Bureau of Immunization County Health Department Nursing Directors Bureau of Immunization Field Staff

	Total Clients	Complete v	vith 4/3/1**	Complete w	ith 4/3/1/3***	Complete wit	h 4/3/1/3/3****	Complete with	4/3/1/3/3/1*****
County	Sampled	Clients	%	Clients	%	Clients	%	Clients	%
Alachua	255	227	89%	222	87%	222	87%	222	87%
Baker	38	35	92%	35	92%	35	92%	35	92%
Bay	213	164	77%	164	77%	160	75%	158	74%
Bradford	46	34	74%	31	67%	31	67%	31	67%
Brevard	467	434	93%	434	93%	434	93%	434	93%
Broward	436	288	66%	283	65%	275	63%	270	62%
Calhoun	23	16	70%	16	70%	16	70%	16	70%
Charlotte	429	356	83%	347	81%	339	79%	335	78%
Citrus	282	251	89%	251	89%	251	89%	251	89%
Clay	156	133	85%	131	84%	129	83%	129	83%
Collier	722	621	86%	621	86%	614	85%	606	84%
Columbia	47	31	66%	31	66%	30	64%	29	62%
Miami-Dade	2000	1200	60%	1180	59%	1080	54%	960	48%
DeSoto	20	19	95%	19	95%	19	95%	19	95%
Dixie	75	66	88%	66	88%	66	88%	65	87%
Duval	1504	1083	72%	1053	70%	1008	67%	978	65%
Escambia	813	715	88%	707	87%	707	87%	699	86%
Flagler	224	166	74%	164	73%	159	71%	159	71%
Franklin	42	38	90%	38	90%	38	90%	37	88%
Gadsden	125	125	100%	125	100%	125	100%	125	100%
Gilchrist	91	83	91%	83	91%	81	89%	81	89%
Glades	29	26	90%	26	90%	26	90%	26	90%
Gulf	46	40	87%	40	87%	39	85%	38	83%
Hamilton	38	35	92%	35	92%	35	92%	35	92%
Hardee	124	110	89%	108	87%	105	85%	105	85%
Hendry	96	73	76%	71	74%	69	72%	66	69%
Hernando	208	156	75%	156	75%	154	74%	150	72%
Highlands	61	59	97%	58	95%	58	95%	58	95%
Hillsborough	1382	1382	100%	1382	100%	1382	100%	1382	100%
Holmes	72	59	82%	59	82%	57	79%	56	78%
Indian River	339	308	91%	308	91%	305	90%	305	90%
Jackson	89	56	63%	55	62%	52	58%	51	57%
Jefferson	24	22	92%	22	92%	22	92%	22	92%
Lafayette	25	24	96%	24	96%	24	96%	24	96%
Lake	460	391	85%	391	85%	386	84%	382	83%
Lee	652	613	94%	613	94%	613	94%	606	93%
Leon	140	133	95%	132	94%	132	94%	132	94%
Levy	42	42	100%	42	100%	42	100%	42	100%
Liberty	26	19	73%	19	73%	19	73%	19	73%
Madison	54	46	85%	44	81%	44	81%	44	81%

	Total Clients		with 4/3/1**	Complete w	vith 4/3/1/3***	Complete wit	h 4/3/1/3/3****	Complete wit	th 4/3/1/3/3/1*****
County	Sampled	Clients	%	Clients	%	Clients	%	Clients	%
Manatee	264	222	84%	219	83%	216	82%	214	81%
Marion	1005	814	81%	804	80%	804	80%	794	79%
Martin	219	173	79%	171	78%	169	77%	166	76%
Monroe	266	213	80%	213	80%	210	79%	205	77%
Nassau	32	25	78%	25	78%	25	78%	25	78%
Okaloosa	891	731	82%	731	82%	722	81%	713	80%
Okeechobee	13	10	77%	9	69%	8	62%	8	62%
Orange	2092	1297	62%	1276	61%	1192	57%	1151	55%
Osceola	341	327	96%	327	96%	324	95%	324	95%
Palm Beach	1218	1047	86%	1047	86%	1035	85%	1023	84%
Pasco	745	685	92%	685	92%	685	92%	678	91%
Pinellas	580	528	91%	528	91%	528	91%	522	90%
Polk	606	509	84%	509	84%	503	83%	503	83%
Putnam	105	92	88%	92	88%	92	88%	90	86%
Santa Rosa	273	186	68%	186	68%	183	67%	177	65%
Sarasota	721	656	91%	649	90%	642	89%	642	89%
Seminole	787	732	93%	732	93%	732	93%	724	92%
St. Johns	300	249	83%	246	82%	243	81%	240	80%
St. Lucie	238	157	66%	157	66%	152	64%	148	62%
Sumter	119	104	87%	104	87%	104	87%	102	86%
Suwannee	116	97	84%	97	84%	97	84%	97	84%
Taylor	21	11	52%	11	52%	11	52%	11	52%
Union	19	17	89%	14	74%	14	74%	14	74%
Volusia	626	476	76%	476	76%	470	75%	463	74%
Wakulla	15	15	100%	15	100%	15	100%	15	100%
Walton	144	118	82%	117	81%	117	81%	114	79%
Washington	57	45	79%	44	77%	43	75%	42	74%
State Total	23,728	19,216	81%	19,070	80%	18,718	79%	18,388	77%

COUNTY HEALTH DEPARTMENT CLIENT IMMUNIZATION COVERAGE LEVELS* AT 24 MONTHS OF AGE, JANUARY 1, 2007

* Review includes children who were 24-35 months of age on January 1, 2007, using Florida SHOTS (assessment run date March 30, 2007).

** Immunization coverage level for 4 DTP/DTaP , 3 OPV/IPV , and 1 MMR .

*** Immunization coverage level for 4 DTP/DTaP , 3 OPV/IPV , 1 MMR , and 3 Hib .

**** Immunization coverage level for 4 DTP/DTaP ,3 OPV/IPV ,1 MMR ,3 Hib , and 3 Hep B .

***** Immunization coverage level for 4 DTP/DTaP ,3 OPV/IPV , 1 MMR ,3 Hib , 3 Hep B, and 1 VZV .

_	Total Clients		with 3/2/2/2**
County	Sampled	Clients	%
Alachua	332	266	80%
Baker	112	82	73%
Bay	305	244	80%
Bradford	56	44	79%
Brevard	702	632	90%
Broward	927	612	66%
Calhoun	30	20	67%
Charlotte	439	325	74%
Citrus	216	186	86%
Clay	233	200	86%
Collier	772	672	87%
Columbia	72	47	65%
Miami-Dade	2645	1931	73%
DeSoto	60	46	77%
Dixie	85	76	89%
Duval	2377	1759	74%
Escambia	894	679	76%
Flagler	315	265	84%
Franklin	58	56	97%
Gadsden	186	149	80%
Gilchrist	82	69	84%
Glades	21	18	86%
Gulf	45	36	80%
Hamilton	61	55	90%
Hardee	230	170	74%
Hendry	200	138	69%
Hernando	205	156	76%
Highlands	111	89	80%
Hillsborough	1906	1696	89%
Holmes	75	65	87%
Indian River	370	352	95%
Jackson	95	77	81%
Jefferson	41	23	56%
Lafayette	34	28	82%
Lake	636	452	71%
Lee	837	670	80%
Leon	204	129	63%
Levy	47	39	83%
Liberty	17	13	76%
Madison	107	78	73%

	Total Clients	Up-to-Date with 3/2/2/2**					
County	Sampled	Clients	%				
Manatee	346	256	74%				
Marion	1178	895	76%				
Martin	215	172	80%				
Monroe	334	251	75%				
Nassau	71	48	68%				
Okaloosa	1127	902	80%				
Okeechobee	13	11	85%				
Orange	3601	2485	69%				
Osceola	1193	704	59%				
Palm Beach	1580	1122	71%				
Pasco	604	550	91%				
Pinellas	737	671	91%				
Polk	941	734	78%				
Putnam	107	82	77%				
Santa Rosa	339	258	76%				
Sarasota	1048	859	82%				
Seminole	747	687	92%				
St. Johns	329	286	87%				
St. Lucie	287	238	83%				
Sumter	162	131	81%				
Suwannee	130	121	93%				
Taylor	44	30	68%				
Union	37	24	65%				
Volusia	674	499	74%				
Wakulla	26	22	85%				
Walton	155	140	90%				
Washington	52	41	79%				
State Total	32,217	24,859	77%				

COUNTY HEALTH DEPARTMENT CLIENT IMMUNIZATION COVERAGE LEVELS* AT 12 MONTHS OF AGE, JANUARY 1, 2007

* Review includes children who were 12-23 months of age on January 1, 2007, using Florida SHOTS (assessment run date March 30, 2007).

** Immunization coverage level for 3 DTP/DTaP ,2 OPV/IPV ,2 Hib , and 2 Hep B

		Complete with			vith 4/3/1/3***	Complete wit		Complete with 4	
County	Sampled	Clients	%	Clients	%	Clients	%	Clients	%
Alachua	255	227	89%	222	87%	222	87%	222	87%
Main/Gainsville	222	202	91%	200	90%	200	90%	200	90%
Alachua Clinic	22	16	73%	15	68%	14	64%	14	64%
Family Services	1	1	100%	1	100%	1	100%	1	100%
High Springs	8	6	75%	6	75%	6	75%	6	75%
Newberry Clinic	2	1	50%	1	50%	1	50%	1	50%
Baker	38	35	92%	35	92%	35	92%	35	92%
Bay	213	164	77%	164	77%	160	75%	158	74%
Bradford	46	34	74%	31	67%	31	67%	31	67%
Brevard	467	434	93%	434	93%	434	93%	434	93%
Melbourne	204	188	92%	188	92%	186	91%	186	91%
Rockledge	134	126	94%	126	94%	126	94%	126	94%
Titusville	129	123	95%	123	95%	123	95%	123	95%
Broward	436	288	66%	283	65%	275	63%	270	62%
Ft. Lauderdale	194	146	75%	146	75%	144	74%	140	72%
Immunization Outreach	13	5	38%	5	38%	4	31%	4	31%
Paul Hughes	139	76	55%	74	53%	70	50%	68	49%
South Regional	89	60	67%	59	66%	58	65%	57	64%
Calhoun	23	16	70%	16	70%	16	70%	16	70%
Charlotte	429	356	83%	347	81%	339	79%	335	78%
Englewood	105	89	85%	89	85%	88	84%	88	84%
Port Charlotte	108	75	69%	73	68%	69	64%	66	61%
Punta Gorda	216	190	88%	188	87%	184	85%	181	84%
Citrus	282	251	89%	251	89%	251	89%	251	89%
Crystal River	62	55	89%	55	89%	55	89%	55	89%
Inverness	98	88	90%	88	90%	88	90%	88	90%
Lecanto	122	109	89%	109	89%	109	89%	109	89%
Clay	156	133	85%	131	84%	129	83%	129	83%
Green Cove Spgs	20	17	85%	16	80%	15	75%	15	75%
Keystone Heights	2	2	100%	2	100%	2	100%	2	100%
North Clinic	134	113	84%	113	84%	113	84%	113	84%
Collier	722	621	86%	621	86%	614	85%	606	84%
Golden Gate	34	23	68%	23	68%	23	68%	23	68%
Immokalee	160	138	86%	138	86%	134	84%	131	82%
Naples	528	459	87%	459	87%	454	86%	449	85%

	Total Clients	Complete wit	h 4/3/1**	Complete v	with 4/3/1/3***	Complete w	ith 4/3/1/3/3****	Complete with 4	/3/1/3/3/1*****
County	Sampled	Clients	%	Clients	%	Clients	%	Clients	%
Columbia	47	31	66%	31	66%	30	64%	29	62%
Miami-Dade	2000	1,200	60%	1180	59%	1080	54%	960	48%
Jefferson Reaves	225	140	62%	137	61%	137	61%	128	57%
Juanita Mann	90	60	67%	60	67%	58	64%	57	63%
Dr. Rafael Penalver	198	143	72%	143	72%	141	71%	135	68%
Southside	142	87	61%	87	61%	82	58%	74	52%
West Perrine	234	152	65%	152	65%	147	63%	138	59%
Refugee Health Center	134	62	46%	60	45%	52	39%	20	15%
Corporate Park of Miami	962	548	57%	539	56%	452	47%	404	42%
DeSoto	20	19	95%	19	95%	19	95%	19	95%
Dixie	75	66	88%	66	88%	66	88%	65	87%
Duval	1504	1,083	72%	1053	70%	1008	67%	978	65%
Agape	44	28	64%	27	61%	26	59%	26	59%
Beaches	187	153	82%	150	80%	148	79%	146	78%
Bridge	35	22	63%	22	63%	22	63%	22	63%
Center for Women and Children	357	293	82%	289	81%	282	79%	278	78%
Kids N Care Community	151	91	60%	89	59%	85	56%	82	54%
Marietta	117	87	74%	82	70%	80	68%	78	67%
Immunization Center	88	35	40%	34	39%	31	35%	30	34%
South Jax	166	134	81%	134	81%	131	79%	126	76%
Wesconnett	274	181	66%	173	63%	162	59%	156	57%
West Jax	85	54	64%	51	60%	42	49%	40	47%
Escambia	813	715	88%	707	87%	707	87%	699	86%
Northside	48	41	85%	41	85%	41	85%	40	83%
Century	29	27	93%	27	93%	27	93%	26	90%
Molino	10	9	92%	9	92%	9	92%	9	92%
Flagler	224	166	74%	164	73%	159	71%	159	71%
Franklin	42	38	90%	38	90%	38	90%	37	88%
Apalachicola	29	26	90%	26	90%	26	90%	26	90%
Carrabelle	13	12	92%	12	92%	12	92%	11	85%
Gadsden	125	125	100%	125	100%	125	100%	125	100%
Havana	1	1	100%	1	100%	1	100%	1	100%
Gilchrist	91	83	91%	83	91%	81	89%	81	89%
Glades	29	26	90%	26	90%	26	90%	26	90%
Gulf	46	40	87%	40	87%	39	85%	38	83%
Main Clinic (Port St Joe)	24	21	88%	21	88%	20	83%	20	83%
Wewahitchka	22	19	86%	19	86%	19	86%	18	82%
Hamilton	38	35	92%	35	92%	35	92%	35	92%
Hardee	155	118	76%	113	73%	109	70%	105	68%

	Total Clients	Complete wit	h 4/3/1**	Complete	with 4/3/1/3***	Complete w	ith 4/3/1/3/3****	Complete with 4	/3/1/3/3/1*****
County	Sampled	Clients	%	Clients	%	Clients	%	Clients	%
Hendry	96	73	76%	71	74%	69	72%	66	69%
LaBelle	41	31	76%	30	73%	29	71%	29	71%
Clewiston	55	42	76%	41	75%	40	73%	37	67%
Hernando	208	156	75%	156	75%	154	74%	150	72%
Spring Hill	140	108	77%	108	77%	106	76%	104	74%
Brooksville	68	47	69%	47	69%	46	68%	46	68%
Highlands	61	59	97%	58	95%	58	95%	58	95%
Lake Placid	16	16	100%	15	94%	15	94%	15	94%
Sebring	27	26	96%	26	96%	26	96%	26	96%
Avon Park	18	17	94%	17	94%	17	94%	17	94%
Hillsborough	1382	1,382	100%	1382	100%	1382	100%	1,382	100%
N. Hills	155	153	99%	153	99%	153	99%	153	99%
Plant City	229	229	100%	229	100%	229	100%	229	100%
Sulphur Springs	233	233	100%	233	100%	233	100%	233	100%
Kelton	155	153	99%	153	99%	153	99%	153	99%
Joyce Ely	177	175	99%	175	99%	175	99%	175	99%
Crosstown	201	201	100%	201	100%	201	100%	201	100%
University	229	229	100%	229	100%	227	99%	227	99%
Holmes	72	59	82%	59	82%	57	79%	56	78%
Indian River	339	308	91%	308	91%	305	90%	305	90%
Gifford	32	29	91%	29	91%	28	88%	28	88%
Jackson	89	56	63%	55	62%	52	58%	51	57%
Jefferson	24	22	92%	22	92%	22	92%	22	92%
Lafayette	25	24	96%	24	96%	24	96%	24	96%
Lake	460	391	85%	391	85%	386	84%	382	83%
Clermont	139	124	89%	124	89%	122	88%	121	87%
Children Wellness	301	250	83%	250	83%	247	82%	244	81%
Lee	652	613	94%	613	94%	613	94%	606	93%
Leon	140	133	95%	132	94%	132	94%	132	94%
Municipal Way	37	37	100%	37	100%	37	100%	37	100%
Robert & Stevens	103	96	93%	95	92%	95	92%	95	92%
Levy	42	42	100%	42	100%	42	100%	42	100%
Liberty	26	19	73%	19	73%	19	73%	19	73%
Madison	54	46	85%	44	81%	44	81%	44	81%
Manatee	264	222	84%	219	83%	216	82%	214	81%
Marion	1005	814	81%	804	80%	804	80%	794	79%
Belleview	132	96	73%	96	73%	96	73%	92	70%
Ocala/Main	804	667	83%	667	83%	659	82%	651	81%
Reddick	52	40	77%	39	75%	37	71%	37	71%
Dunnellon	17	9	53%	9	53%	9	53%	9	53%

	Total Clients	Complete wit	th 4/3/1**	Complete	with 4/3/1/3***	Complete w	ith 4/3/1/3/3****	Complete with 4	/3/1/3/3/1*****
County	Sampled	Clients	%	Clients	%	Clients	%	Clients	%
Martin	219	173	79%	171	78%	169	77%	166	76%
Indiantown	46	35	76%	34	74%	33	72%	33	72%
Stuart	173	138	80%	137	79%	135	78%	133	77%
Monroe	266	213	80%	213	80%	210	79%	205	77%
Roosevelt Sands	175	147	84%	147	84%	144	82%	144	82%
Tavernier	22	15	68%	15	68%	15	68%	14	64%
Marathon (Ruth Ivins)	69	51	74%	50	72%	50	72%	48	70%
Nassau	32	25	78%	25	78%	25	78%	25	78%
Callahan	14	11	79%	11	79%	11	79%	11	79%
Hilliard	3	3	100%	3	100%	3	100%	3	100%
Fernandina Beach	10	9	90%	9	90%	9	90%	9	90%
Yulee	5	2	40%	2	40%	2	40%	2	40%
Okaloosa	891	731	82%	731	82%	722	81%	713	80%
Ft. Walton Beach	733	608	83%	601	82%	594	81%	586	80%
Crestview	158	130	82%	126	80%	123	78%	122	77%
Okeechobee	13	10	77%	9	69%	8	62%	8	62%
Orange	2092	1,297	62%	1276	61%	1192	57%	1,151	55%
Eastside Clinic	361	224	62%	220	61%	209	58%	202	56%
Winter Garden	221	157	71%	157	71%	155	70%	148	67%
Central Clinic	1510	921	61%	906	60%	831	55%	785	52%
Osceola	341	327	96%	327	96%	324	95%	324	95%
Kissimmee	268	260	97%	260	97%	257	96%	257	96%
St. Cloud	61	58	95%	58	95%	58	95%	58	95%
Palm Beach	1218	1,047	86%	1047	86%	1035	85%	1,023	84%
Belle Glade	50	42	84%	42	84%	42	84%	42	84%
1050 W 15th St -CIS	184	121	66%	120	65%	118	64%	116	63%
Jupiter	48	41	85%	41	85%	41	85%	41	85%
Lantana	431	388	90%	388	90%	384	89%	384	89%
Delray Beach Health Center	225	200	89%	198	88%	196	87%	191	85%
W. Palm Bch	280	255	91%	255	91%	252	90%	252	90%
Pasco	745	685	92%	685	92%	685	92%	678	91%
Dade City	137	127	93%	127	93%	127	93%	126	92%
Hudson	120	113	94%	113	94%	113	94%	113	94%
Zephyrhills	128	119	93%	119	93%	116	91%	114	89%
New Port Richey	257	229	89%	229	89%	229	89%	226	88%
Land O'Lakes	103	98	95%	98	95%	98	95%	96	93%
Pinellas	580	528	91%	528	91%	528	91%	522	90%
Clearwater	102	87	85%	87	85%	87	85%	86	84%
Pinellas Park	186	171	92%	171	92%	171	92%	171	92%
Largo	57	49	86%	49	86%	49	86%	49	86%

	Total Clients	Complete wit	:h 4/3/1**	Complete v	with 4/3/1/3***	Complete w	vith 4/3/1/3/3****	Complete with 4	/3/1/3/3/1*****
County	Sampled	Clients	%	Clients	%	Clients	%	Clients	%
St Pete	128	118	92%	116	91%	116	91%	115	90%
Tarpon Spings	69	64	93%	64	93%	64	93%	64	93%
Polk	606	509	84%	509	84%	503	83%	503	83%
Auburndale	188	162	86%	162	86%	158	84%	158	84%
Bartow	15	13	87%	13	87%	13	87%	13	87%
Haines City	50	37	74%	37	74%	37	74%	36	72%
Lakeland	285	245	86%	245	86%	242	85%	268	94%
Lake Wales	61	49	80%	49	80%	49	80%	49	80%
Putnam	105	92	88%	92	88%	92	88%	90	86%
Saint Johns	300	249	83%	246	82%	243	81%	240	80%
Saint Lucie	238	157	66%	157	66%	152	64%	148	62%
Ft. Pierce	126	87	69%	86	68%	82	65%	79	63%
Port St. Lucie (Milner)	112	71	63%	71	63%	71	63%	68	61%
Santa Rosa	273	186	68%	186	68%	183	67%	177	65%
Main Clinic (Milton)	160	106	66%	106	66%	104	65%	104	65%
Gulf Breeze	112	81	72%	81	72%	78	70%	75	67%
Sarasota	721	656	91%	649	90%	642	89%	642	89%
HSC	150	146	97%	144	96%	143	95%	143	95%
Ringling	285	254	89%	251	88%	251	88%	251	88%
Venice	203	177	87%	175	86%	173	85%	173	85%
North Port	83	79	95%	79	95%	79	95%	79	95%
Seminole	787	732	93%	732	93%	732	93%	724	92%
Sanford	526	489	93%	489	93%	484	92%	484	92%
Casselberry	261	245	94%	245	94%	243	93%	240	92%
Sumter	119	104	87%	104	87%	104	87%	102	86%
Bushnell	59	54	92%	54	92%	54	92%	54	92%
Wildwood	60	50	83%	50	83%	49	82%	48	80%
Suwannee	116	97	84%	97	84%	97	84%	97	84%
Live Oak (Main CHD)	106	89	84%	89	84%	99	93%	88	83%
Branford	10	9	90%	9	90%	9	90%	9	90%
Taylor	21	11	52%	11	52%	11	52%	11	52%
Union	19	17	89%	14	74%	14	74%	14	74%
Volusia	626	476	76%	476	76%	470	75%	463	74%
Daytona	294	215	73%	215	73%	215	73%	212	72%
DeLand	150	120	80%	119	79%	117	78%	114	76%
Deltona	35	27	77%	26	74%	26	74%	22	63%
New Smyrna Bch	147	115	78%	115	78%	113	77%	113	77%
Wakulla	15	15	100%	15	100%	15	100%	15	100%

COUNTY HEALTH DEPARTMENT CLIENT IMMUNIZATION COVERAGE LEVELS* AT 24 MONTHS OF AGE, JANUARY 1, 2007

	Total Clients Complete with 4/3/1**			Complete with 4/3/1/3***		Complete with 4/3/1/3/3****		Complete with 4/3/1/3/3/1*****	
County	Sampled	Clients	%	Clients	%	Clients	%	Clients	%
Walton	144	118	82%	117	81%	117	81%	114	79%
Main Clinic (Defuniak)	91	71	78%	71	78%	70	77%	68	75%
Coastal Branch	53	47	89%	46	87%	46	87%	46	87%
Washington	57	45	79%	44	77%	43	75%	42	74%

* Review includes children who were 24-35 months of age on January 1, 2007, using Florida SHOTS (assessment run date March 30, 2007).

***** Immunization coverage level for 4 DTP/DTaP ,3 OPV/IPV , 1 MMR ,3 Hib , 3 Hep B, and 1 VZV .

^{**} Immunization coverage level for 4 DTP/DTaP , 3 OPV/IPV , and 1 MMR .

^{***} Immunization coverage level for 4 DTP/DTaP , 3 OPV/IPV , 1 MMR , and 3 Hib .

^{****} Immunization coverage level for 4 DTP/DTaP ,3 OPV/IPV ,1 MMR ,3 Hib , and 3 Hep B .

Country	Total Clients Sampled	Complete wit Clients	h 3/2/2/2** %
County	332	266	80%
Alachua Clinic	41	32	78%
Main/Gainsville	265	215	81%
Hawthorne	203	215	100%
High Spgs	22	18	82%
Newberry Clinic	22	1	50%
Baker	112	82	73%
Bay	305	244	80%
Bradford	56	44	79%
Brevard	702	632	90%
Melbourne	300	270	90%
	220	196	<u> </u>
Rockledge Titusville	182	196	<u> </u>
Broward	927	612	<u> </u>
Ft. Lauderdale	431	612 289	<u>66%</u> 67%
	27	19	70%
Outreach Program	219	140	64%
Hughes-N. Regional		140	<u> </u>
S. Regional	246		
Calhoun	30	20 325	67%
Charlotte	439		74%
Port Charlotte	176	134	76%
Englewood	90	70	78%
Punta Gorda	173	123	71%
Citrus	216	186	86%
Crystal River	48	38	79%
Inverness	68	59	87%
Lecanto	100	89	89%
Clay	233	200	86%
Green Cove Springs	25	20	80%
North Clinic	207	180	87%
Collier	772	672	87%
Immokalee	225	203	90%
Naples	479	402	84%
Columbia	72	47	65%
Miami-Dade	2645	1931	73%
Jefferson Reaves	205	139	68%
Juanita Mann	99	64	65%
Dr. Rafael Penalver	163	132	81%
Southside	90	77	86%
West Perrine	242	182	75%
Corporate Park of Miami	1769	1291	73%
DeSoto	60	46	77%

	Total Clients	Complete wit	
County	Sampled	Clients	%
Dixie	85	76	89%
Duval	2377	1759	74%
Agape	40	32	80%
Beaches	286	243	85%
Bridge	42	34	81%
Ctr Women & Children-Central	467	369	79%
Kids N Care Community	180	112	62%
Immunization Center / Main	256	169	66%
South Jax	271	206	76%
Wesconnett	490	343	70%
West Jax	114	78	68%
Escambia	894	679	76%
Northside	64	47	73%
Pensacola	773	587	76%
Century	19	16	84%
Molino	38	30	79%
Flagler	315	265	84%
Franklin	58	56	97%
Apalachicola	45	43	96%
Carrabelle	13	13	100%
Gadsden	186	149	80%
Quincy	184	149	81%
Havana	2	0	0%
Gilchrist	82	69	84%
Glades	21	18	86%
Gulf	45	36	80%
Main Clinic (Port St Joe)	21	17	81%
Wewahitchka	24	19	79%
Hamilton	61	55	90%
Hardee	230	170	74%
Hendry	200	138	69%
LaBelle	100	61	61%
Clewiston	100	77	77%
Hernando	205	156	76%
Spring Hill	131	100	76%
Brooksville	74	56	76%
Highlands	111	89	80%
Lake Placid	32	27	84%
Sebring	58	46	79%
Avon Park	21	16	76%

	Total Clients	Complete with 3/2/2/2**	
County	Sampled	Clients	%
Hillsborough	1906	1696	89%
N. Hills	274	249	91%
Plant City	297	261	88%
Sulphur Springs	321	282	88%
Kelton	170	156	92%
Joyce Ely	218	203	93%
Crosstown	196	155	79%
University	428	394	92%
Holmes	75	65	87%
Indian River	370	352	95%
Gifford	21	19	90%
Vero Bch	349	335	96%
Jackson	95	77	81%
Jefferson	41	23	56%
Lafayette	34	28	82%
Lake	636	452	71%
Clermont	138	94	68%
Children Wellness	472	340	72%
Lee	837	670	80%
Leon	204	129	63%
Municipal Way	23	11	48%
Robert & Stevens	181	118	65%
Levy	47	39	83%
Liberty	17	13	76%
Madison	107	78	73%
Manatee	346	256	74%
Marion	1178	895	76%
Belleview	151	113	75%
Ocala/Main	952	724	76%
Reddick	68	48	71%
Dunnellon	7	5	71%
Martin	215	172	80%
Indiantown	36	28	78%
Stuart	179	143	80%
Monroe	334	251	75%
Roosevelt Sands	208	160	77%
Tavernier	41	26	63%
Marathon (Ruth Ivins)	84	66	79%
Nassau	71	48	68%
Callahan	24	16	67%
Hilliard	7	3	43%

	Total Clients	Complete with 3/2/2/2**	
County	Sampled	Clients	%
Fernandina Beach	25	18	72%
Yulee	15	11	73%
Okaloosa	1127	902	80%
Ft. Walton Beach	891	722	81%
Crestview	236	182	77%
Okeechobee	13	11	85%
Orange	3601	2485	69%
Eastside Clinic	706	459	65%
Winter Garden	406	284	70%
Central Clinic	2489	1717	69%
Osceola	1193	704	59%
Kissimmee	926	519	56%
St. Cloud	195	380	195%
Poinciana	58	34	58%
Stadium Place	14	2	14%
Palm Beach	1580	1122	71%
Belle Glade	34	31	91%
1050 W 15th St -CIS	254	193	76%
Jupiter	57	40	70%
Lantana	728	415	57%
S. Co. Delray	253	218	86%
W. Palm Bch	254	229	90%
Pasco	604	550	91%
Dade City	111	100	90%
Hudson	110	103	94%
Zephyrhills	90	85	94%
New Port Richey	189	161	85%
Land O'Lakes	104	102	98%
Pinellas	737	671	91%
Clearwater	161	143	89%
Pinellas Park	155	146	94%
Largo	61	56	92%
St Pete	217	191	88%
Tarpon Spgs	80	72	90%
IMM Outreach	63	62	98%
Polk	941	734	78%
Auburndale	306	245	80%
Bartow	16	14	88%
Haines City	89	75	84%
Lakeland	397	298	75%
Lake Wales	116	88	76%
Putnam	107	82	70%

COUNTY HEALTH DEPARTMENT CLIENT IMMUNIZATION COVERAGE LEVELS* AT 12 MONTHS OF AGE, JANUARY 1, 2007

County Saint Johns	Total Clients	Complete with 3/2/2/2**	
	Sampled	Clients	%
	329	286	87%
Saint Lucie	287	238	83%
Ft. Pierce	126	106	84%
Port St. Lucie (Milner)	161	134	83%
Santa Rosa	339	258	76%
Main Clinic (Milton)	236	177	75%
Gulf Breeze	100	76	76%
Jay Clinic	3	2	67%
Sarasota	1048	859	82%
Ringling	412	334	81%
Venice	308	243	79%
North Port	121	97	80%
Seminole	747	687	92%
Sanford	471	438	93%
Casselberry	276	248	90%
Sumter	162	131	81%
Bushnell	81	63	78%
Wildwood	81	68	84%
Suwannee	130	121	93%
Live Oak	122	113	93%
Branford	8	7	88%
Taylor	44	30	68%
Union	37	24	65%
Volusia	674	499	74%
Daytona	309	213	69%
DeLand	195	160	82%
Deltona	44	39	89%
New Smyrna Bch	126	91	72%
Wakulla	26	22	85%
Walton	155	140	90%
Main Clinic (Defuniak)	106	94	89%
S. Rosa Bch	49	46	94%
Washington	52	41	79%

* Review includes children who were 12-23 months of age on January 1, 2007, using Florida SHOTS (assessment run date March 30, 2007).

** Immunization coverage level for 3 DTP/DTaP , 2 OPV/IPV,2 Hib , and 2 Hep B